1st & Final bill

Recorded on:-

Job No:- 004-20-000032

M. A. R. 57 (Rule 116)

Measurement Book

No. E modified ERT cost Rs. 102.86 lakhs

Serial No 497001

Name of work Improvements of Anganawadi buildings and Improvements of Government School buildings in ward No-84 of yelahanka Satellite Town Sub division.

Name of Contractor of nature of Agency Sri T.S. Kotharaju Raju (Proprietor R.K. CONSTRUCTIONS

Date of commencement of work Proprietor SHREE CHARAN CONSTRUCTIONS No-05 Sree Srinivas Bhagath Enclave Kattigenahalli village, yelahanka post, Bangalore-560064.

work order No:- BBMP/EE/YNK.D/EPMT-9/W.O/05/2021-22, Date 17.04.2024

Date	Full description, etc, of work	Dimensions No.	Dimensions Breadth	Dimensions Depth	Contents	Reference to last Measurement
1	2	3	4 5	6	7	8
	(1) Provision for dismantling of existing RCC structures and removing the debris as directed by the engineer in charge of work.					
	Quantity vide E-bill :-				18.58 m³	32820.34
	@ RS.				1766.03	
	(2) Provision for dismantling of existing brick wadamy and removing the debris as directed by the engineer-in-charge of work.					
	Quantity vide E-bill :-				35.31 m³	14036.34
	@ RS.				397.47	
	(3) Earthwork in surface excavation for levelling and lowering the ground					

M. A. R. 57 (Rule 116) No. E 497002

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency. .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Quantity vide E-bill :-				185.40 m^3 @Rs. 227.61	42,426.96
	(5) Providing and injecting chemical emulsion for pre-Constructional e Anti-Termite treatment, Creating Continous chemical barrier under and around the column pits, walls, trenches, basement excavation top surface of the plinth filling, junction of wall and floor etc as per Specifications.						
	A) upto 125% of quantity.	Quantity vide E-bill :-				268.18 m^2 @Rs. 120.03	32,189.05
	B) Above 125% of quantity.	Quantity vide, E-bill :-				91.83 m^2 @Rs. 120.03	11,021.75

M. A. R. 57 (Rule 116) No. E 497003
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions			Contents	Reference to last Measurement
		Number	Length	Breadth / Depth		
1	2	3	4	5 / 6	7	8
	(B) KSRB 4-1.2: Providing and laying in position plain cement Concrete of mix 1:3:6 with OPC Cement @ 180 kgs, with 40mm and down size graded granite metal Coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed etc as per Specifications. Quantity vide E-bill :- 119.40 m^3 @ RS 588.58				70,257.56	
	(9) Providing and Constructing granite / trap / basalt size stone masonry in foundation with cement mortar, stone hammered dressed in courses not less than 20cms high, bond stones at 2mtrs apart in each course, etc as per Specifications. A) up to 125% of Quantity. Quantity vide E-bill :- 32.38 m^3 @ RS. 5204.42				168493.10	

M. A. R. 57 (Rule 116) No. E 497005
Measurement Book

Serial No .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(14)	Providing and laying in position reinforced cement Concrete of design mix m25 with opc @ 340 Kgs. with 20mm and down size graded granite metal coarse aggregates @ 0.70 cum and fine aggregates @ 0.47 cum, with Super plasticizers @ 3 Ltrs Confirming to IS 9103-1999 Reaffirmed-2008 etc as per specifications.						
	Quantity vide E-bill:-					51.46 m^3	355756.05
					CRS	6918.18	
(15)	Providing and laying in position reinforced cement Concrete of design mix m20 with opc @ 27.20 Kgs. with 12mm and down size graded granite metal coarse aggregates @ 0.05865 cum and fine aggregates						

M. A. R. 57 (Rule 116) No. E
Measurement Book

497007

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(20) Providing and removing Centering, Shuttering, Strutting, Propping etc and removal of formwork for foundations, footings, bases of Columns for mass Concrete including cost of all materials, labour Complete as per Specifications.						
	Quantity vide E-bill :-					112.73 m²	32,934.07
	@RS. 292.15						
	(21) Providing and removing Centering, Shuttering, Strutting, propping etc and removal of formwork for Columns, pillars, post and struts of square / rectangular / polygon in plan including cost of all materials etc as per Specifications.						
	Quantity vide E-bill :-					143.30 m²	₹3993.24
	@RS. 576.37						

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

497009

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Suspended floors, roofs, landings, balconies and like, Thickness up to 200mm including cost of all materials, labour Complete as per specification.						
		Quantity vide E-bill :-				1919 m²	96464.26
		CRS. 504.54					
(28)	Providing and removing Centering, Shuttering, Struthing, propping etc, and removal of form work for chajja, Corbels etc., including edges including cost of all materials, labour Complete as per Specification.						
		Quantity vide E-bill:-				10.33 m²	3777.39
		CRS. 365.76					

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

Serial No 497011

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		Quantity vide E-bill:-				14.29 m³	109499.31
						CRS. 7665.08	
(34)	KSRB 5-14: Providing and Constructing load bearing wall with Solid Concrete blocks of size 400×200×200mm having block density not less than 1800 Kg/m³ and having a minimum average Compressive strength 4.00 N/mm² Confirming to IS 2185 (part): 2005 and constructed with cm 1:4 as per IS 2572: 2005 class per Specification.						
		Quantity vide E-bill:-				140.57 m²	
						CRS. 1126.05	158215.66

M. A. R. 57 (Rule 116)
Measurement Book

No. E 497013

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ventilators and other framed, wrought, framed or assembled including making plaster groves (excluding cost of cement Concrete and Side clamps). but including cost of materials, labour, Hoo complete as per Specifications.						
	Quantity vide E-bill :-					0.75 m³	51,684/76
						CRS. 68563/34	
(40)	Providing and fixing in position fully panelled wood shutters for doors, styles and rails of 30mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour						

M. A. R. 57 (Rule 116)
Measurement Book

No. E 497015

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	(45) KSRB 15-8.5/15-7: Providing 15mm Thick plain plastering in Single coat to internal masonry surfaces, in cement mortar 1:4 (1 cement : 4 fine sand) including providing & removing necessary Scaffolding rounding of corners wherever required, smooth rend-ering with lime, curing etc as per specification. Quantity vide E-bill :- 355.38 m² CRS. 263.84					93,763.46	
	(46) KSRB 15-7: Providing lime rendering for plastering to wall and ceiling including cost of materials, labour, curing Complete as per Specification. Quantity vide E-bill :- 697.05 m² CRS. 36.24					25,261.18	

M. A. R. 57 (Rule 116) No. E
Measurement Book

497017

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(52) Providing and fixing Skirting of 100mm high with vitrified tiles of 10mm minimum thick of first quality and of approved make & Sample, Conforming to IS Specifications etc & per Specification.						
	Quantity vide E-bill :-					11.25 m^2	124583
						CRS 110.74	
	(53) Providing and laying flooring using prepolished water cut/gang saw 19mm thick granite laid over bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to make shade of granite slabs including laying pop on finished surface and cleaning the surface etc & per specifications.						

M. A. R. 57 (Rule 116) No. E

Measurement Book

497018

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	of 6mm thick and width of 50mm to form styles and rails. The inner panel should be inserted in between the frame with 5mm thick pvc rigid foam sheet etc as per Specifications.						
	Quantity vide E-bill :-					1.89 m²	5145.03
						@Rs. 2722.24	
(56)	KSRB 7.1: Providing and fixing in position collapsible steel shutt-ers with single or double leaf with vertical channel 20mm x10 mm x 2mm braced with flat iron diagonals 20mm x 5mm size, etc as per Specifications.						
	Quantity vide E-bill :-					4.83 m²	28195.55
						@Rs. 5839.70	

M. A. R. 57 (Rule 116) No. E

Measurement Book

497020

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(62) Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material etc as per specifications.						
	Quantity vide E-bill :-					138.77 m^2	16662.39
	@Rs. 124.56						
	(63) Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labours complete as per specifications.						

M. A. R. 57 (Rule 116) No. E

Measurement Book

497022

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	matter, sand papering and Knotting ready mix paint including Cost of materials labour Complete as per specifications.						
	A) up to 125% of quantity. Quantity vide E-bill:- 12.60 m^2 CRS. 61.15						770.49
	B) Above 125% of quantity Quantity vide E-bill:- 41.67 m^2 CRS. 60.81						2533.95
	(69) KSRB 15-17.6: Providing and applying painting two Coats (excluding priming coat) on new wood Surface and Iron wood based Surface with enamel paint to give an even shade, cleaning the Surface of						

M. A. R. 57 (Rule 116) No. E
Measurement Book

497023

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	A) up to 125% of quantity						
	quantity vide E-bill:-					12.60 m²	11441.06
					@Rs.	114.37	
	B) Above 125% of quantity.						
	quantity vide E-bill:-					41.67 m²	4751.63
					@Rs.	114.03	
(41)	Providing and fixing Sand Cast iron Soil waste and vent pipes with spun yarn soaked in cement slurry and cement mortar 1:2 including cost of materials, labour, testing complete as per specification.						
	Quantity vide E-bill:-					30.00 mtrs	22625.10
					@Rs.	754.17	

M. A. R. 57 (Rule 116) No. E
Measurement Book

497024

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency. .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(74)	Supplying heavy gauge pvc Conduit pipe ... mm dia ... mm Thick Conforming to IS 2509 with Suitable Size bends metal/pvc junction boxes, adhesive paste etc and running before Concreting the slab etc as per Specifications. 19/20mm ϕ 2mm Thick. Quantity vide E-bill:- 230.00 mtrs @RS. 41.94						9646.20
(75)	Supplying heavy gauge pvc Conduit pipe ... mm dia ... mm Thick Conforming to IS 2509 with Suitable Size bends, metal/pvc junction boxes, adhesive paste etc and running before Concreting the slab etc as per Specifications. 25mm ϕ 2mm Thick. Quantity vide E-bill:- 370.00 mtrs @RS. 55.57						20,560.90

M. A. R. 57 (Rule 116) No. E
Measurement Book

497027

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	(86) Supplying and flush mounting powder Coated/ galvanized metal box suitable for mounting modular switch plates etc. as per Specification. Quantity vide E-bill:- 4.00 nos CRS. 173.00						692.00
	(87) Supplying and fixing Superior quality modular switch mounting poly carbonate plate with necessary Supporting back plate with required nos of machine Screws etc as per Specification. Quantity vide E-bill:- 1.00 no CRS 115.34					115.34	
	(88) Supplying and fixing Superior quality modular switch mounting						

M. A. R. 57 (Rule 116) No. E
Measurement Book

497030

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(97) Supplying Capacitor type ceiling fan Complete with down rod blades, Shackle, Canopies etc for operation on 230 volts, 50 Cycles, Single phase Ac Supply Conforming to IISS-374-1979 and with double ball bearing System 56" sweep (1400mm) Regular model etc as per Specifications.						
		Quantity vide E-bill :-				6.00 Nos	13,380.96
						@Rs. 2230.16	
						Total Rs :-	90,52,693.25
						12% of GST :-	10,86,323.19
						Grand Total Rs :-	1,01,39,016.44

C&FC
Savin
ಸಹಾಯಕ ಕಾರ್ಯ ಪಾಲನ ಅಭಿಯಂತರರು
ಮಲಹಂಪ ಸುಪನಗರ ಉಪವಿಭಾಗ-2
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-19

(C&L) 25/11/2024

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	CERTIFICATE:- 1) Certified That the above works done is Satisfactory Completed 2) Certified That The, There is no debries Have been cleared to site. 25/11/2021						

Serial No.
Name of work
Name of Contractor of nature of Agency.
Date of commencement of work.

Date	Full description, etc, of work
1	2

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

497031

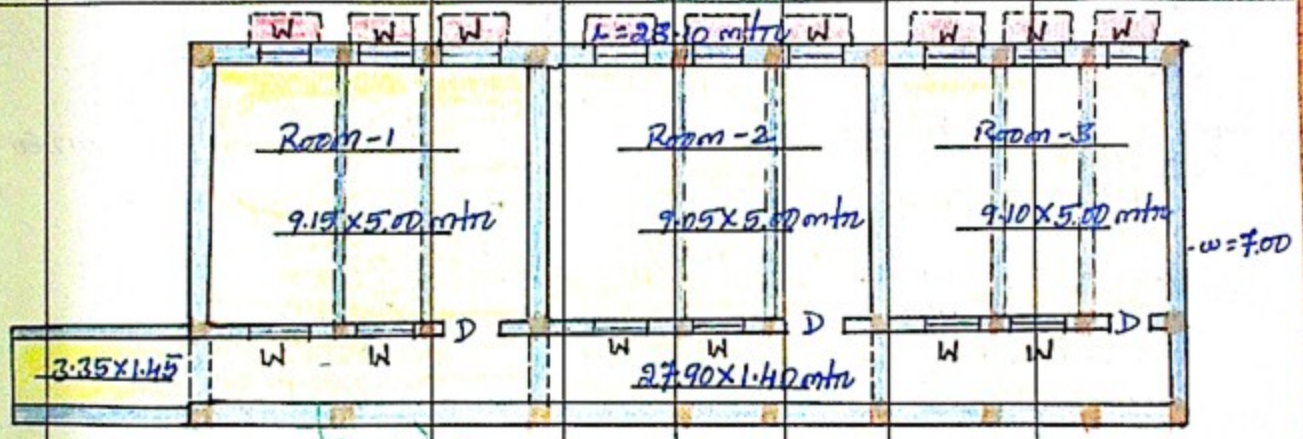
Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8



INDEX:- EXESTING THE ABOVE FIRST FLOOR

W:- 1.10X1.20

D:- 1.05X2

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8

L=23.90 mtr

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date	Full description, etc, of work
1	2

Gross Amt =Rs 1,01,39

FSD =Rs

CGST = Rs 90.5

SGST = Rs 90.5

IT = Rs 1,01,3

LC = Rs 1,01,3

CBF = Rs 1,01,3

Royalty =Rs 86

T.D. = Rs 4,80

Net Amt=Rs 96,5

M. A. R. 57 (Rule 116) **No. E**

Measurement Book

Serial No. 497032

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency T.S. Kothanda Rasu

Date of commencement of work ..... I^st & final -

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Job code 00H-20-000002 - SBR No- 1021/23-11-2021-						
	Gross Amt =Rs 1,01,39,016-00						
	FSD =Rs —						
	CGST = Rs 90,526-00						
	SGST = Rs 90,526-00						
	IT = Rs 1,01,390-00						
	LC = Rs 1,01,390-00						
	CWF = Rs 10,140-00						
	Royalty = Rs 86,244-00						
	T.D. = Rs 4,80,216-00						
	Net Amt = Rs 96,58,800-00						
	Audited & Admitted for Rs 1,01,39,016-00 One Crore one lakh thirty nine thousand zero Sixteen 96,58,800-00 by Cheque and Rs 4,80,216-00 by adjustment Accts Supdt Velachery Division BBM-P						
	Exe. Engineer Velachery Division BBM-P						